

**State of New Hampshire
Hazard Mitigation Grant Program
Project Application**

Please submit three complete copies (typed or written in ink).

1. FEMA Disaster Code: FEMA-1643-DR-NH
Declaration Date: _____
Date submitted: _____

2. **Name of Sub-grantee:**

3. ***State or Local Contacts (2) for the Project:***
Name of Contact: 1. _____ 2. _____

Title: _____
Mailing Address: _____

Phone Numbers: (603) _____ (603) _____
Fax Number: (603) _____ (603) _____
E-mail address: _____

4. **Location of the Project :**
Describe as precisely as possible the Project Location:

. Required Maps: *Indicate clearly the project area on each 8.5" x 11" copy of the maps.*

Local General Highway Map attached: _____
Flood Insurance Rate Map with panel number attached: _____
Topographic Map attached: _____

5. Problem Statement (What is happening that is causing the damage at the site?)

6. Project Objective (What is the goal of your proposed solution?)

7. Analysis of Alternative Solutions (different ways to stop the damage):

Alternative Solution (Brief title and description)	Strengths	Weaknesses	
1			
2.			
3.			
4. No Action			

8. Selection of the Preferred Alternative:

Preferred alternative:

Justification:

9. Statement of Damages per Event:

Damage narrative attached: _____

Picture(s) enclosed: _____

Itemized list of damages:

<u>Date of Damage</u>	<u>Type</u>	<u>Costs of Labor</u>	<u>Costs of Materials</u>	<u>Days of Lost Use of Road</u>	<u>Ave. Amt. Daily Traffic</u>	<u>Miles & hours of Detour</u>	<u>Days of Lost Use of Buildings</u>	<u>Cost of Lost Business</u>

10. Project Work Schedule: Include potential problems, e.g. seasonal limitations.

Task Description	Days to Complete

11. Itemized Costs for Preferred Alternative

Item	Unit Qty.	Unit of Measure	Unit Cost	Cost

Estimate of Total Project Cost _____

Itemized list of Benefits

Mo/Year	Description of Damages	Cost

Total Damages Recorded _____

Benefit Cost Ratio: _____

12. Applicant's Matching Funds:

<u>Applicant Funds 25%</u>	<u>Item Name</u>	<u>Unit Qty.</u>	<u>Unit of Measure</u>	<u>Unit Cost</u>	<u>Cost Est.</u>
<u>In-Kind (Type)</u>					
<u>Other (Type)</u>					

- A. Total Project Costs \$ _____
 B. FEMA funds (75% of Total Cost (Line A)) \$ _____
 C. Matching funds (25% of Total Cost (Line A)) \$ _____

Applicant share:

1. Cash \$ _____
 2. In-kind Services \$ _____
 3. Other \$ _____

Note: Sum of lines 1 -3 should equal line C.

13. Signature of Authorizing Official

Name: _____ Title: _____

14. Authorization:

I certify that the information presented in this Hazard Mitigation Grant Program project application is valid to the best of my knowledge.

Authorized Signature _____

Date _____

15. Technical Confirmation:

Has the hydrology/hydraulics/structural design of this project been endorsed by the local Highway District Engineer, local Stream Alteration Engineer, a Consulting Engineer or other Technical Experts: _____

Supporting letter(s) enclosed: _____

HMGP Minimum Criteria Checklist

Subgrantee: _____ ***Project Name:*** _____

Minimum HMGP Project Criteria

(as per CFR 44 Sec 206.433 (b))

	N/A	Unk	Yes	No
1. Does the Applicant have a FEMA approved Hazard Mitigation Plan	___	___	___	___
2. Is the Application timely filed?	___	___	___	___
3. Is the Application complete?	___	___	___	___
4. Does the proposal conform with the State 409 Plan?	___	___	___	___
5. Is there a beneficial impact on the declared area?	___	___	___	___
6. Is the Application in conformance with?:				
a. 44 CFR Pt. 9, The Local Floodplain Management Ordinance? (If Applicant is a community, is it a member in good standing in the NFIP?)	___	___	___	___
b. 44 CFR Pt. 10, Environmental Considerations? (Appendix V.)	___	___	___	___
c. Wetlands and Shoreline Protection?	___	___	___	___
6. Does the Project solve a problem independently or is it a functional portion of one which will be completed?	___	___	___	___
7. Is the measure cost effective? (See section 12)	___	___	___	___
8. Will the measure substantially reduce the risk of loss or suffering resulting from a major disaster?	___	___	___	___
9. Does the measure address a repetitive problem or a problem that poses a significant risk to public health and safety?	___	___	___	___
10. 1:1 cost/benefit in direct damages or subsequent negative impacts to the area from future disasters (net present value)?	___	___	___	___

	N/A	Unk	Yes	No
11. Has the measure been determined to be the most practical? (Has consideration been given to alternatives?)	___	___	___	___
12. Does the measure represent a long term solution?	___	___	___	___
13. Does the proposal consider long term changes to the area and manageable future maintenance and modification requirements?	___	___	___	___

Minimum HMGP Project Criteria (No.s 14 –16: as per CFR 44 Sec. 206.435 (b))

14. Is the project consistent with the Local Hazard Mitigation Plan?	___	___	___	___
15. If the measure is not taken, is there an imminent threat of severe impact (i.e. Potential: loss of life or essential services, damage to critical facilities, or economic hardship on the community).	___	___	___	___
16. Is this the measure which will have the greatest impact?	___	___	___	___
17. Is funding for this measure available through and other known source? (See CFR 44 Sec. 206.434 (f)).	___	___	___	___
18. Does the proposal offer the assurance(s) that the measure will be performed in accordance with all applicable Federal, State and Local codes specifications and standards? (See CFR 44 Sec. 206.407 (a)).	___	___	___	___

Applicants should be advised that a definitive “No” answer to any question means that the project as presently considered is not a qualifying HMGP project.

Applicants should feel free to contact:

Richard H. Verville, Hazard Mitigation Officer
NHBEM, 33 Hazen Drive, Concord, NH 03305
Voice (603) 271-2231 or (800) 852-3792 Fax (603) 225-7341 TDD (603) 271-2254

with any questions as to project eligibility.

State of New Hampshire Hazard Mitigation Grant Program Impact Questionnaire

This questionnaire is designed to aid with the screening of the project alternatives for feasibility. These questions cover many categories and may be answered with a simple **yes**, **no** or **not applicable**. This questionnaire is for your benefit only and may be included in the application at your discretion. It is for screening purposes only. Questions may be answered by checking the appropriate column. More detail may be required in the application explaining the response to a particular question depending on how you answered the questions. The questionnaire is divided into four sections: Environmental considerations, Physical limitations, Effectiveness, and Costs. If an alternative does not seem to be feasible after completing one of the sections, there is no need to continue because this alternative is presumably not feasible.

Alternative # 1:

Install a larger culvert to improve the flow of the brook.

Environmental Considerations:

a. Land Use and Socio-economic Impacts. **Will this alternative:**

	Yes	No	N/A
1. Conflict with the existing land use of the area?	_____	_____	_____
2. Conflict with the zoning of the area?	_____	_____	_____
3. Result in the relocation of any structures?	_____	_____	_____
4. Have significant impact on the economic activities such as change in access	_____	_____	_____

to businesses or attractions?			
5.	Have significant impact on any recreation areas or activities?	_____	_____
6.	Affect any prime or unique farmlands?	_____	_____
7.	Be located in a known Special Flood Hazard Area (100 year floodplain)?	_____	_____
8.	Cause significant impacts on the flow characteristics of a floodplain?	_____	_____

b. Water Quality and Resources. **Will this alternative:**

	Yes	No	N/A
1.	Have a significant impact on water quality?	_____	_____
2.	Require dredging or significant stream alteration, including construction in any wetlands?	_____	_____
3.	Require any modification of a stream bed or bank (i.e. - rip rap, retaining walls, etc.)?	_____	_____
4.	Affect any declared wild and scenic river or any river being studied for inclusion as a wild and scenic river? (i.e., in NH the Lamprey and Wildcat)	_____	_____

For more information on Wild and Scenic Rivers consult: <http://www.nps.gov/rivers/wildriverslist.html#nh>

c. Natural Resources. **Will this alternative:**

	Yes	No	N/A
1.	Require significant removal of any marine, aquatic, or terrestrial vegetation?	_____	_____
2.	Involve construction in marshland or wetland areas or will the project adversely affect any wetland areas?	_____	_____
3.	Affect any known rare or endangered species, critical habitats, or spawning grounds within the range of the project area?	_____	_____
4.	Be located near a wildlife refuge or conservation area?	_____	_____

d. Archeological and Historic Resources: **Will this alternative:**

	Yes	No	N/A
1.	Affect any area of archeological significance? If so, contact the State Archeological Preservation Officer for determination.	_____	_____
2.	Affect any area of historical significance? If so, contact the State Historical Preservation Officer for determination.	_____	_____
3.	Affect any area of cultural significance? If so contact the State Cultural Preservation Officer for determination.	_____	_____

If all of the answers to the above questions are "No", then this alternative may qualify for a Finding Of No Significant Impact (FONSI) or a CATegorical EXclusion (CATEX). If some of the answers are "Yes", then greater detail into that topic may be needed to determine if the project may qualify for a FONSI or CATEX.

If this alternative receives mostly "Yes" answers, then an Environmental Assessment (EA) or Environmental Impact Statement (EIS) may be required. If the alternative requires an EA, then the project approval will require a longer amount of time. A project requiring an EIS is not as likely to be funded.

If the alternative may qualify for a FONSI or CATEX or EA, then continue to answer the following questions.

Natural Barriers: Will this alternative:

	Yes	No	N/A
1. Have major construction difficulties?	_____	_____	_____
2. Be constrained by significant spatial limitations (i.e. Deep, narrow valley, proximity of existing structures, etc.)?	_____	_____	_____
3. Involve any significant bedrock alteration such as blasting?	_____	_____	_____
4. Involve stabilization of steep high slopes?	_____	_____	_____

If the answers for this section of questions were mostly "Yes", then this alternative may not be feasible. The questions which were answered "Yes" may require a descriptive narrative in the application.

If the answers were mostly "No", then continue to answer the following questions

Effectiveness: Will this alternative:

	Yes	No	N/A
1. Demonstrate significant beneficial impact(s) on the declared disaster area?	_____	_____	_____
2. Independently solve the stated problem, or constitute a functional portion or engineering design of a solution where there is assurance that the project as a whole will be completed?	_____	_____	_____
3. Demonstrate substantial reduction of the risk of possible future loss of life, damage, hardship, or loss and suffering that would result from future disasters?	_____	_____	_____
4. Reduce the level of damage vulnerability in existing structures and developed property?	_____	_____	_____
5. Reduce the number of vulnerable structures through acquisition, relocation, or retrofitting?	_____	_____	_____
6. Prevent inappropriate future development in areas that are vulnerable to the hazard?	_____	_____	_____
7. Provide a long term mitigation solution in locations that experience repetitive damage?	_____	_____	_____
8. Reduce or eliminate future public and private loss or damage (i.e. - water damage, lost property, deposition of debris and silt, loss of rip rap)?	_____	_____	_____
9. Reduce or eliminate a potential public health risk (i.e. - escaping oil, floating propane tanks, chemical releases, raw sewage release, etc.)?	_____	_____	_____
10. Demonstrate affordable operation and future maintenance costs which the local jurisdiction is committed to supply?	_____	_____	_____
11. Improve access by public, private and emergency vehicles?	_____	_____	_____
12. Reduce or eliminate damage to public services and utilities (i.e. - temporary loss of	_____	_____	_____

- electric power, telephone, water, sewer, natural gas, etc.)?
- | | | | | |
|-----|---|-------|-------|-------|
| 13. | Show development and implementation of state or local comprehensive programs, standards, and regulations that reduce future damage? | _____ | _____ | _____ |
| 14. | Address secondary damage issues such as landslides resulting from floods or urban fires? | _____ | _____ | _____ |
| 15. | Protect and restore wetlands? | _____ | _____ | _____ |
| 16. | Restore or protect natural resources, recreational areas, open space, or other environmental values? | _____ | _____ | _____ |
| 17. | Increase public awareness of the hazard(s), preventive measure(s), and emergency response(s) to the hazard(s)? | _____ | _____ | _____ |

If the answers for this section of questions were mostly "Yes", then this alternative is an effective solution and should be considered in more detail. Repeat the process for each alternative.

Project Costs: Will this alternative:

- | | Yes | No | N/A |
|---|-------|-------|-------|
| 1. Require a large amount of comprehensive study? | _____ | _____ | _____ |
| 2. Require extensive engineering and design? | _____ | _____ | _____ |
| 3. Require any land acquisition? | _____ | _____ | _____ |
| 4. Require a lengthy amount of time? | _____ | _____ | _____ |
| 5. Require difficult construction? | _____ | _____ | _____ |
| 6. Generate large labor forces? | _____ | _____ | _____ |
| 7. Generate high equipment costs? | _____ | _____ | _____ |
| 8. Require any additional staffing? | _____ | _____ | _____ |
| 9. Require the use of a construction management firm? | _____ | _____ | _____ |
| 10. Generate expensive transportation costs? | _____ | _____ | _____ |
| 11. Require a large number of materials and supplies? | _____ | _____ | _____ |

If the answer to most of the above questions is "Yes", then this alternative may be considered too expensive and may not be feasible. If most answers were "No" or "Not Applicable", then this alternative is a feasible alternative and should be considered to be one of the possible project alternative.